



Document Number 34

Entry 86 of 415 File: DERWENT August 17, 1999

DERWENT-ACC-NO: 1985-223418

DERWENT-WEEK: 198536

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TITLE

Security system for electronic funds transfer – generating security code by determining next available random $\underline{\text{number and combining}}$ it with transaction parameter

INVENTOR: WHITE, P

PATENT-ASSIGNEE: INT SECURITY NOTE[ITSEN], WHITE PURITY NOTE[WHITI]

PRIORITY-DATA: 1984US-0580003 (February 14, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 8503787 A	August 29, 1985	Ε	031	N/A
CA 1232684 A	February 9, 1988	N/A	000	N/A
EP 172877 A	March 5, 1986	E	000	N/A
JP 61501477 W	July 17, 1986	N/A	000	N/A
US 4630201 A	December 16, 1986	N/A	000	N/A

DESIGNATED-STATES: JP AT BE CH DE FR GB LU NL SE AT BE CH DE FR GB LI LU NL S

CITED-DOCUMENTS: EP 10496; SSR880615; US 3764742; US 4001500; US 4025760; US 4234932; US 4271482; US 4302810; US 4341951; US 4353064; US 4396914; US 4471216

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
WO 8503787A	N/A	1985WO-US00168	February 5, 1985
EP 172877A	N/A	1985EP-0901177	February 5, 1985
US 4630201A	N/A	1984US-0580003	February 14, 1984

IPC: G06F007/58; G06F015/20; H04L009/02

ABSTRACTED-PUB-NO:US 4630201A

BASIC-ABSTRACT: The transfer system includes a central processor and a portable transaction device having an internal memory. The security system is operable in both on-line and off-line modes. The security system generates a list of random numbers which corresp. to a sequence of transaction numbers, to store the list of random numbers at both the central processor and in the portable transaction device. A security code associated with each successive transaction is generated. The security code

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DERWENT-ACC-NO: 1994-037797

DERWENT-WEEK: 199405

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TITLE:

Electronic filing system with detachable recording medium - allocates volume label formed by $\underline{\text{combining number}}$ next to latest number and device

identification number to each newly attached recording medium NoAbstract

PATENT-ASSIGNEE: RICOH KK[RICO]

PRIORITY-DATA: 1992JP-0152193 (June 11, 1992)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC
JP 05342328 A December 24, 1993 N/A 010 G06F 015/62

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO APPL-DATE
JP05342328A N/A 1992JP-0152193 June 11, 1992

IPC: G06F012/00; G06F015/40; G06F015/62; G11B027/00; H04N001/21

ABSTRACTED-PUB-NO: JP05342328A

EQUIVALENT-ABSTRACT:

CHOSEN-DRAWING: Dwg. 1/6

TITLE-TERMS:

ELECTRONIC FILE SYSTEM DETACH RECORD MEDIUM ALLOCATE VOLUME LABEL FORMING COMBINATION NUMBER LATE NUMBER DEVICE IDENTIFY NUMBER NEW ATTACH RECORD MEDIUM NOABSTRACT

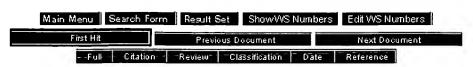
DERWENT-CLASS: T01 W02 W04

EPI-CODES: T01-J05B2; W02-J03D; W04-K05;

Non-CPI Secondary Accession Numbers:N1994-029438







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File: DERWENT

August 17, 1999

DERWENT-ACC-NO: 1992-429572

DERWENT-WEEK: 199252

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Store-and-forward facsimile switching system - has function for finding destination name from called subscriber number and logical subscriber number and appending found destination name to transmission text NoAbstract

PATENT-ASSIGNEE: FUJITSU COMMUNICATION SYSTEMS KK[FUJIN], FUJITSU

LTDMUNICATION SYSTEMS KK[FUIT]

PRIORITY-DATA: 1991JP-0095942 (April 26, 1991)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES 007

MAIN-IPC

JP 04326653 A

November 16, 1992

N/A

HO4N 001/00

APPLICATION-DATA:

PUB-NO

JP04326653A

APPL-DESCRIPTOR

APPL-NO 1991JP-0095942 APPL-DATE April 26, 1991

IPC: H04N001/00

RELATED-ACC-NO: 1992-429557;1992-429569

N/A

ABSTRACTED-PUB-NO: JP04326653A

EQUIVALENT-ABSTRACT:

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS:

STORAGE FORWARD FACSIMILE SWITCH SYSTEM FUNCTION FINDER DESTINATION NAME CALL SUBSCRIBER NUMBER LOGIC SUBSCRIBER NUMBER FOUND DESTINATION NAME TRANSMISSION TEXT NOABSTRACT

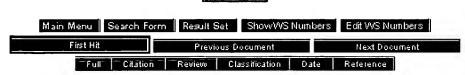
DERWENT-CLASS: W02

EPI-CODES: W02-J08A;

Non-CPI Secondary Accession Numbers:N1992-327906

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August 17, 1999

DERWENT-ACC-NO: 1984-155313

DERWENT-WEEK: 198425

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TITLE:

Secure paging system preventing unauthorised call - uses coded $\underline{\text{number}}$ by $\underline{\text{combining}}$ each digit number of dial number with multiplication $\underline{\text{circuit}}$ NoAbstract Dwg 1/3

PATENT-ASSIGNEE: NIPPON ELECTRIC CO[NIDE]

PRIORITY-DATA: 1982JP-0192158 (November 1, 1982)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC JP 59081931 A May 11, 1984 N/A 011 N/A

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO APPL-DATE

JP59081931A N/A 1982JP-0192158 November 1, 1982

IPC: H04B007/26; H04K001/00; H04Q007/04

ABSTRACTED-PUB-NO: EQUIVALENT-ABSTRACT:

TITLE-TERMS:

SECURE PAGE SYSTEM PREVENT UNAUTHORISED CALL CODE NUMBER COMBINATION 81931A DIGITAL NUMBER DIAL NUMBER MULTIPLICATION CIRCUIT NOABSTRACT

DERWENT-CLASS: W01 W02 W05







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File: DERWENT

August 17, 1999

DERWENT-ACC-NO: 1998-093792

DERWENT-WEEK: 199809

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Channel capturing method for communication in computer networks e.g. LAN involves forming unique channel number by combining specific port numbers of terminals for call connection control

PATENT-ASSIGNEE: OKI ELECTRIC IND CO LTD[OKID]

PRIORITY-DATA: 1996JP-0157725 (May 29, 1996)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES MAIN-IPC

JP 09321780 A

December 12, 1997

005 N/A

H04L 012/28

APPLICATION-DATA:

PUB-NO

APPL-DESCRIPTOR

APPL-NO

APPL-DATE

JP09321780A

N/A

1996JP-0157725

May 29, 1996

IPC: H04L012/28

ABSTRACTED-PUB-NO:JP09321780A

BASIC-ABSTRACT: The method involves using specific port numbers allotted to terminals (10,11) connected to a network (1). When communication is to be carried out between the terminals, then their port numbers are combined and a unique channel number is formed for call connection control. ADVANTAGE -Enables to form channel number automatically.

CHOSEN-DRAWING: Dwg. 1/4

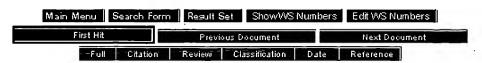
CHANNEL CAPTURE METHOD COMMUNICATE COMPUTER NETWORK LAN FORMING UNIQUE CHANNEL NUMBER COMBINATION SPECIFIC PORT NUMBER TERMINAL CALL CONNECT CONTROL

DERWENT-CLASS: W01

EPI-CODES: W01-A06B5A; W01-A06E1; W01-C02A7; Non-CPI Secondary Accession Numbers: N1998-075024

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File: DERWENT

August 17, 1999

DERWENT-ACC-NO: 1996-315500

DERWENT-WEEK: 199632

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TITLE:

Electronic telephone directory extension method - involves performing reference processing of telephone number by combining telephone directory information by PDA side

PATENT-ASSIGNEE: SONY CORP[SONY]

PRIORITY-DATA: 1994JP-0301537 (November 10, 1994)

PATENT-FAMILY:

PUB-NO JP 08139798 A

JP08139798A

PUB-DATE

N/A

LANGUAGE N/A

PAGES

MAIN-IPC

009

H04M 001/27

APPLICATION-DATA:

PUB-NO

APPL-DESCRIPTOR

May 31, 1996

APPL-NO

1994JP-0301537

APPL-DATE

November 10, 1994

IPC: H04M001/274

ABSTRACTED-PUB-NO: JP08139798A

BASIC-ABSTRACT: The method involves using a portable information terminal PDA (10) to which the connection with communication circuit is not made, is connected with portable telephone (30) through a PCMCIA interface (28). interface transmits and receives information between the terminal and telephone. Then, the telephone directory information in the telephone directory information in the telephone side is transmitted to the PDA side. Then, telephone number reference processing is performed by combining the telephone number directory information by the side of PDA. The searched telephone number is then transferred to telephone side and call processing is performed. Then, the communication circuit is connected. ADVANTAGE -Utilizes telephone directory function effectively.

CHOSEN-DRAWING: Dwg. 6/6

TITLE-TERMS:

ELECTRONIC TELEPHONE DIRECTORY EXTEND METHOD PERFORMANCE REFERENCE PROCESS TELEPHONE NUMBER COMBINATION TELEPHONE DIRECTORY INFORMATION SIDE

ADDL-INDEXING-TERMS: PERSONAL DIGITAL ASSIST

DERWENT-CLASS: W01





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File: DERWENT

August 17, 1999

DERWENT-ACC-NO: 1993-159342

DERWENT-WEEK: 199319

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TITLE

Decoding variable length codeword embedded in bit stream $\frac{-\text{ combining number}}{\text{form address in}}$ of leading 1's and remainder bits in Huffman codeword to form address in random access memory

INVENTOR: RUETZ, P A; TONG, P

PATENT-ASSIGNEE: LSI LOGIC CORP[LSILN]

PRIORITY-DATA: 1992US-0905257 (June 26, 1992) , 1991US-0737620 (July 30,

1991) , 1991US-0737959 (July 30, 1991)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC US 5208593 A May 4, 1993 N/A 012 H03M 007/4C .

APPLICATION-DATA:

APPL-DATE PUB-NO APPL-DESCRIPTOR APPL-NO July 30, 1991 July 30, 1991 June 26, 1992 US 5208593A CIP of 1991US-0737620 US 5208593A CIP of 1991US-0737959 US 5208593A N/A 1992US-0905257 US 5208593A CIP of US 5181031 N/A

IPC: H03M007/40

ABSTRACTED-PUB-NO:US 5208593A

BASIC-ABSTRACT: The method involves detecting the number of leading 1's in the variable length codework and looking up from a store (i) a 'tail length' corresp. to the max. number of bits following one number of leading 1's and (ii) a first memory address. In accordance with the tail length, a bit string including the bits of the codeword following the leading 1's is sepd. from the bit stream. The first memory address and one bit string are combined to form a second memory address which is used to access a second store to obtain a decoded value of the codeword. The step of sepg. involves providing the bit string in a reversed order and setting to zero all bits not belonging to the codeword. USE/ADVANTAGE - For detecting Huffman code using RAM. Optimal min. memory requirement.

CHOSEN-DRAWING: Dwg.2/2

TITLE-TERMS:

DECODE VARIABLE LENGTH CODE EMBED BIT STREAM COMBINATION NUMBER LEADING REMAINING BIT HUFFMAN CODE FORM ADDRESS RANDOM ACCESS MEMORY